

Appl. No. 10/748,734  
Amdt. Dated June 1, 2006  
Reply to Office Action of March 7, 2006

Attorney Docket No. 88519.0001  
Customer No. 26021

### REMARKS

This application has been carefully reviewed in light of the Final Office Action dated March 7, 2006. Claims 1, 4-6, 8-11, 13-15 and 17-19 remain pending in this application. Claims 1, 4, 5, 13 and 14 are the independent claims. Claims 1, 4-6, 8-11, 13-15 and 17-19 have been amended. Claims 2, 3, 7, 12, 16 and 20-25 have been canceled without prejudice. It is believed that no new matter is involved in the amendments or arguments presented herein. Reconsideration and entrance of the amendment in the application are respectfully requested.

### Allowable Subject Matter

On page 6 of the Office Action, Claims 4-5 and 13-14 were indicated to be allowable if re-written in independent form including all of the limitations of the base claim and any intervening claims.

Applicant thanks the Examiner and formally recognizes the allowable subject matter of Claims 4-5 and 13-14.

### Claim Objections

Claim 4-5 and 13-14 were objected to for being dependent upon a rejected base claim. In response, Applicant has amended the above claims to include all the limitations of the base and intervening claims. Reconsideration and withdrawal of the above objections are respectfully requested.

### Art-Based Rejections

Claims 1-3, 6, 8, 10-12, 15, 17 and 19 were rejected under 35 U.S.C. § 102(b) over U.S. Patent No. 6,057,561 (Kawasaki). Claims 9 and 18 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,057,561 (Kawasaki) in view of U.S. Publication No. 2004/0079947 (Lan). Applicant respectfully traverses the

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rejections and submits that the claims herein are patentable in light of the clarifying amendments above and the arguments below.

**The Kawasaki et al. Reference**

Kawasaki is directed to a A ZnO thin film is fabricated on the c-surface of a sapphire substrate through use of a laser molecular beam epitaxy (MBE) method which is effective for epitaxial growth of an oxide thin film through control at an atomic level. (*See Kawasaki, Abstract, lines 1-4*)

**The Lan et al. Reference**

Lan is directed to a light-emitting diode structure for increasing the equivalent conductivity of the light-emitting diode and does not necessary to change the thickness of the epitaxy. (*See Lan, Abstract, lines 1-4*)

**The Claims are Patentable Over the Cited References**

The present application is generally directed to light emitting devices having transparent electrodes that inhibit degradation

As defined by independent Claim 1, a transparent electrode is made up of ZnO as its main material, and its surface is covered with Mg-Doped ZnO film. The electrode made up of ZnO as its main material is formed on a semiconductor layer. The semiconductor layer has a GaN system semiconductor layer

Claim 1 has been amended to include the allowable subject matter of Claim 4. Accordingly, Claim 1 is allowable and such allowance is respectfully requested.

The remaining claims have been amended to depend directly from allowable Claims 4 or 13 and recite additional features of the invention which are neither

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disclosed nor fairly suggested by the applied references and are believed to be in condition for allowance and such allowance is respectfully requested.

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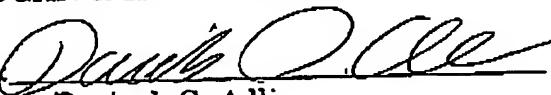
Conclusion

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Reexamination and reconsideration of the application, as amended, are requested.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los Angeles, California telephone number (213) 337-6809 to discuss the steps necessary for placing the application in condition for allowance.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,  
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